

Congratulations! You've started the journey with Diveroid. In Quick Guide we'll tell you about how to start diving with Diveroid. From the second diving, more steps are added. Please check the Complete User Manual (Visit artisan-ocean.com and download the User Manual).

1. Getting Started – Housing

– Attaching the wrist strap : To prevent the case or housing from falling while you are carrying it, make sure the wrist strap is firmly attached to the body. Connect the wrist strap to the ring located on the bottom right of the housing. *Caution* Do not pull the strap too hard. This may cause damage to the housing.

– Initial waterproof testing instructions : a. Inspect Diveroid and check whether it is contaminant free and appears in good conditions. b. Open the housing (check section 3 for details) and confirm whether O-ring(s) are in good condition. Replace the O-ring if it is deformed or exhibit cuts. c. Close the housing (check section 3 for details) and submerge the housing into water for 15 minutes. d. Test buttons and check whether there are no bubbles coming out from the housing. e. Remove the housing, dry out and open the case. f. Do not use if water is found inside.

2. Getting started – Application (free)

– Go into Google Play store and install the Diveroid application.
– Register and sign in (If you want to share pictures on Facebook using Diveroid, then you should register with your Facebook account).
– Go to settings and choose among Metric-Imperial, Freshwater-Seawater and Nitrox level (only if you are certified for Nitrox diving).

3. Getting started – Smartphone Installation

– Opening the housing

The housing is equipped with a double safety lock feature in order to prevent sudden or unintentional release during usage. To open the housing, push the lever inside and rotate the lock counter-clockwise.

– Fully charge both your smartphone and the housing (housing can be charged using standard Android smartphone charging cable).

– Prior to installing your smartphone, change the smartphone settings into airplane mode (to reduce battery usage) and turn on the GPS function (In order to track location information in DiveLog).

– Slightly lift docking station of the housing. Insert your smartphone and make sure the screen faces you. Connect the smartphones charging terminals to Diveroids docking station (You must separate all accessories on your

smartphone). The edges of the smartphone should rest securely within the black rubber inside the housing.

- Activate and unlock your smartphone.
- The application should run automatically. Press the OK button on the screen and give access permission to the application.

- Attaching Sponge (To fix the smartphone on the housing)

a. After taking off the film from one side of the sponge, place it onto both sides of the upper part of the smartphone (make sure the adhesive side doesn't stick onto the smartphone).

b. Close the housing and make the sponge stick to the rear side of the housing.

c. If the sponge isn't firmly attached to the housing, quality of photos can be lower and your smartphone can be separated from the docking station while underwater. So make sure the sponges are securely placed onto the housing.

- Closing the housing : rotate the lock 90 degrees counter-clockwise. Place the A which sticks out from the back cover to B part of the lock. Rotate the lock clockwise until you hear a click.

- Inspect the main body o-ring seal and ensure that you see good contact between the seal and the housing all around.

- For Galaxy s5 users : Inside Galaxy s5, there's a waterproof cap beneath the phone. The cap must be taken apart. The procedure is as follows :

a. Separate the back cover from the smartphone.

b. Using Phillips head screw driver, remove the cross screws fastening the waterproof cap beneath the smartphone.

c. Put on the back cover and now you're ready! (make sure you don't lose screws or the waterproof cap)

- At the first dive, you must go into diving without docking the Smartphone This is to prevent any unexpected situation occurred while shipping, handling, etc.

4. While Diving

- Navigate through functions with just 2 buttons (small button - to change modes, big button - to select a mode / shutter button).

- Open Diveroid only when diving is completely finished. We recommend you do not open the housing on the shore or on the boat (This increases the risk

of O-ring failure).

5. After diving

- Open the housing by pushing the lever in and rotate the lock counter-clockwise.
- While placing your palm under the housing, tilt the housing down and grab the smartphone. Gently pull out the smartphone from the docking station.
- Make sure the docking station is always pushed back so that it aligns with the front housing. (If it stays lift, it will damage the inner circuit).
- Vividly retrieve memories with Diverlog.

6. Important Safety Instructions.

- The dive computer function of this device should only be used by certified divers.
- Individual physical condition may differ from time to time and Diveroid cannot take all of these special differences into consideration. Individuals are recommended to check their diving on their own.
- Diveroid should not be used in the following situations
: Commercial Diving, Technical Diving, Decompression Diving, Diving beyond the rated depth rating 40m/131ft.
- Use the backup gauge. When diving with Diveroid, you should always carry depth meter and pressure meter.
- It is not recommended for multiple divers to share one Diveroid. Decompression information gathered from previous continuous dives become meaningless for different divers.
- If the diver had dove within 4 days without using Diveroid, it may not provide accurate information for continuous diving.
- Nitrox diving is only for those who have Nitrox diving certification. Nitrox diving can lead to oxygen toxicity. When adjusting the rate of oxygen, round down below decimal point. ex) 27.9% → 27%
- Color of the housing may attract dangerous underwater animals. In this situation, hide the housing as soon as possible.

[User Manual]

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1. Important Safety Instructions

Read this manual carefully before using Diveroid. Improper use of this device by neglecting this manual may cause serious damage to the device, injury or even death to the user.

- The dive computer function of this device should only be used by certified divers.

- There is always the risk of decompression illness (DCI) for any dive profile even if you follow the dive plan prescribed by dive tables or a dive computer. An individual's physical condition may differ from time to time and Diveroid cannot take all of these special differences into consideration. Individuals are recommended to check their diving on their own.

- Diveroid should not be used in the following situations

 - : Commercial Diving, Technical Diving, Decompression Diving, beyond the rated depth rating 40m/131ft.

- Use the backup gauge. When diving with Diveroid, You should always carry depth meter and pressure meter.

- It is not recommended for multiple divers to share one Diveroid. Decompression information gathered from previous continuous diving become meaningless for different divers.

If the diver dove within 4 days without using the Diveroid, it may not provide accurate information for continuous diving.

- Nitrox diving is only for those who have Nitrox diving certification. Nitrox diving can lead to oxygen intoxication. When adjusting the rate of oxygen, round down below decimal point. ex) 27.9% → 27%

- Color of the housing may attract dangerous underwater animals. In this situation, hide the housing as soon as possible.

2. Handling Diveroid

Two buttons are all you need to access Diveroid features.

Small button is for changing modes and big button is for selecting modes and taking pictures/videos.

2-1 Fast key

While you are using Dive computer function or Compass function, you might suddenly come across a mysterious creature passing by. If you want to quickly capture this moment, simply press the big button.

Pressing the big button in Dive computer mode or Compass mode works as a fast key to Camera.

3. Function

3-1 Dive computer

On the first screen, Diveroid will ask about your daily health condition. The worse your condition, the more conservative the algorithm becomes.

3-1-1 Safety instructions

As other dive computers, Diveroid cannot be the absolute standard for preventing Decompression sickness. Individuals are recommended to check their diving on their own.

- Maximum Depth

This product is designed only for recreational diving with a maximum depth of 40m/131ft.

- Nitrox

Divers without proper knowledge and skill acquired from public diving education groups should not use compound air for their diving.

- Oxygen Toxicity

When oxygen partial pressure is over 1.4atm, there is risk of oxygen toxicity. Oxygen partial pressure is determined by the ratio of the surrounding pressure and oxygen level, so its important for you to not go under maximum depth(40M/131ft).

- Decompression

This device is designed only for recreational diving and its use is not recommended for diving that needs decompression. Therefore, it is crucial to strictly follow the No Decompression Limits(NDL). In case of exceeding NDL, it is pivotal to follow decompression instructions given by Diveroid.

- Ascent rate

Ascent rate should be maintained under 30ft/min(9m/min). Rapid ascent increases the risk of DCI due to Nitrogen bubbles forming in the bloodstream. If proper ascent rate is violated, Diveroid will inform the user, but the diver should always be aware of his condition.

- Restrictions for air travel

Restrictions for air travel are based on previous dive records. If you disobey these instructions, sudden decrease in air pressure may result in

DCL. For the same reasons, even during none flying times, you should not hike in high alpine regions.

3-1-2 Safety signs

- Violating ascent rate

If you violate ascent rate. Slow sign will remain until your speed goes lower than 30ft/min(9m/min).

- Violating Maximum depth

Critical depth sign appears if you go below 40M/131ft.

- Oxygen Toxicity

When oxygen partial pressure is over 1.4atm, Oxygen Toxicity sign will appear.

- No decompression limit

With less than five minutes left on remaining time, the remaining time sign starts appearing.

If you happen to stay longer than No Decompression limit(Diveroid doesnt support decompression diving), DECO sign starts appearing. Come out of the water as instructed.

- Back to stop depth

Back to stop depth sign appears if you violate safety stop or stage decompression.

- No-Diving

If you dont fully follow Diveroids safety instructions, No-diving sign will appear for 48 hours.

- No-fly time

If you dove during no decompression time and followed all the safety signs, No-fly time will be placed for 12 hours.

If you violated No Decompression time and followed all the safety signs or dove during No decompression time and violated some of the safety signs, No-fly time will be placed for 24 hours.

If you violated both No decompression time and safety signs, No-fly time will be placed for 48 hours.

No-fly time sign will appear at the top-left part of DiveLog.

3-1-3 Adjusting Settings

At settings, you can adjust the following conditions.

- Today's condition

If you want to change the selection of your daily condition after your first diving, you can re-select from this menu.

- Metric/Imperial

Metric uses Meter/Celsius and Imperial uses Feet/Fahrenheit.

- Fresh water/Sea water

Choose whether you are diving in fresh water or sea water.

- Nitrox

Nitrox diving is only those who have Nitrox diving certification. Nitrox diving can lead to oxygen intoxication. When adjusting the rate of oxygen, round down below decimal point. ex) 27.9% → 27%

3-2 Camera

Camera capability is dependent on each smartphone.

3-2-1 Accessories

To purchase these accessories, visit artisan-ocean.com

- Red filter

If you go lower than 5m/16ft, red lights are absorbed and this makes the photos look green. Red filter helps you to take more colorful photos underwater.

- Lens Holder

This enables you to mount various lenses on top of Diveroid.

- Mount

This helps you use other video lights while using Diveroid.

3-2-2 Semi-shutter button

Slightly pressing the Big button functions as auto-focusing.

Photos can be taken by firmly pressing the Big button.

3-3 Video

Video capability depends on each smartphone. By pressing the big button, recording gets started and by pressing again, recording ends.

3-4 Compass

Dont get lost underwater with Diveroid.

3-5 Dive Log

When you finish diving, DiveLog gets recorded automatically to your smartphone. Every record is shown in sequence.

On the upper-left part of Dive log, No-fly time will appear until it ends.

3-5-1 Sharing pictures/videos on Facebook

You can share pictures/videos by simply clicking the Facebook icon if you had already registered with your Facebook account. If you havent registered yet, new registration screen will pop up for you to sign-up.

3-6 Diving Plan

If you had dove continuously (Diving more than twice within 4 days), this shows your recommended diving time for the next diving (on left) and current saturated nitrogen level (on right).

3-7 Back Up

[You can find this function at Settings] Whenever your smartphone is connected to Wi-fi, Dive log is automatically backed up to the server. However, If you want to manually back up the data while you are connected to 3G/4G, push the Back up button (Unfortunately, we dont support photo back ups yet).

3-8 Sign out

[You can find this function at Settings] If you sign out from Diveroid, the application will send you back to default condition. By signing in

again, you can see your Divelogs.

4. Specification

Applicable Smartphones	Samsung Galaxy S2, S3, S4,S5 Note2, Note3, Note 4 / LG G2, GPro, G3 etc
Waterproofing depth / Maximum allowable work depth	Within 196ft / 131ft
Major materials	Main body: Aluminum Grip, Lock, Lens: Poly Carbonate Button: Brass(Ni-Cr plating)
Weight	510g
Standards	Length: 199.5mm Thickness: Max 52.2mm Min 20mm Height: 97.5mm
Components	Diveroid, Spare O-ring and Grease, 1 Strap, 1 Quick guide instruction
Supplementary battery	Li polymer battery, 700mah
Dive computer	Air Nitrox modes Buhlmann ZH-L16, 16 compartment algorithm Dive profile graph

5. Important checking points

5-1 Battery

Before diving, you should fully charge both Diveroid and Smartphone. if its fully charged, the Battery Status Light will change from red to green.

If Diveroids built-in battery is not fully charged, even a fully charged Smartphone device will not help it operate.

Diveroids lifetime depends on each smartphones battery capacity. We recommend you check how long Diveroid lasts when fully charged.

To save battery, change the smartphone settings into airplane mode and turn off other operating functions such as Wi-fi or Bluetooth.

5-2 O-ring

O-ring is critical for the products waterproof capability. Therefore, after each usage it is crucial to cleanse the housing and O-ring.

5-2-1 Cleansing O-ring

a. Open the housing. While firmly grasping the housing with the right hand, using left hands thumb and middle finger push the O-ring from left to right with power. This way, one part of O-ring will be pulled out. Using this part, take out the O-ring.

At this time please be careful not to damage the O-ring or the housing.

b. Check whether there is any foreign material such as hair or dirt on the surfaces of the O-ring and on the front and rear side of the housing

c. Apply thin coating of grease to the O-ring using soft material. Avoid heavy application as it may cause foreign substances to stick to the O-ring. Also check whether the O-ring is twisted or inverted.

d. Insert the O-ring to the rear cover. Please make sure the O-ring is not pulled too hard while inserting. Check for any twists or uneven thickness of the O-ring.

f. Carefully close the rear cover of the housing. Be careful not to let the O-ring on the rear cover come off.

5-2-2 O-ring replacement cycle

The O-ring attached to this product is a consumable item. The main O-ring attached should be replaced every 6 months, and the other O-rings (such as the ones beneath the buttons) should be inspected every year. If O-rings are impaired, you should replace them immediately. To purchase, check Artisan&Ocean's homepage. / artisan-ocean.com

5-3 Housing

- After each usage, housing should be cleansed with freshwater.
- After usage in sea water, make sure to clean out the housing for at least 30 minutes with fresh water. Also press all the buttons several times in order to remove salt that may remain inside.
- Dry out the housing with a soft cloth and keep the housing in a location that is shaded with good ventilation.

6. Customer support

To reach Artisan&Ocean's customer support center, **visit** artisan-ocean.com

7. Warranty

Limited warranty :

Artisan&Ocean warrants the product against substantial defects in materials and workmanship under normal use for a one (1) year period from the date of the original purchase. This limited warranty is non-transferable and covers only the original end purchaser.

In the event of a defect, please contact Artisan&Ocean's Customer support for assistance. Artisan&Oceans sole obligation under this warranty will be, at its option, to repair or replace the product.

Companys limited warranty applies only to the product. The warranty does not apply to any non-company product, even if packaged or sold with the product. This warranty applies only to the normal use of the product. This warranty does not apply to damage caused by accident, abuse, misuse, force majeure, or modification of the product.

Warranty Disclaimers :

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